

PATENT

Attorney Docket 28179-07

Former Atty Docket 21101-0006

Former Former Atty Docket 7413-1006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Yoel Wazana
Serial No. : 10/659,881
Filed : September 11, 2003
Title : Apparatus and Method For Disassembling Containers Having Thermoplastic
Joining Surfaces
Group/Division : 1725
Examiner : Elve, Maria Alexandra
Our Reference : 28179-07 (Former Reference 21101-0006) (Former Former Reference 7413-
1006)

**STATEMENT OF THE SUBSTANCE OF THE INTERVIEW
OF DECEMBER 21, 2006**

Applicants submit a statement of the substance of the interview of December 21, 2006 in accordance with MPEP § 713.04, as follows:

**1. A Brief Description of the Nature of Any Exhibit Shown or Any Demonstration
Conducted**

No exhibit was shown and no demonstration was conducted.

2. An Identification of the Claims Discussed

Proposed amended claims 6 and 7 were discussed.

3. An Identification of the Specific Prior Art Discussed

United States Patent 6,223,010 to Araki ("the '010 patent" or "Araki '010") was discussed.

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4. An Identification of the Principal Proposed Amendments of a Substantive Nature Discussed.

It was proposed to amend pending application claims 6 and 7 to add limitations that would render these claims clearly allowable over the prior art of record.

Specifically, it was proposed to amend claim 6 to replace "container" with -toner cartridge--; to require that the joining surfaces comprise a plurality of interface line segments with each segment having a thickness; to determine the thickness of each line segment; to cause the laser beam to trace a path along each line segment and to determine the speed of the laser beam by correlating the thickness of each line segment with the laser beam power.

With respect to claim 7, it was specifically proposed to replace "container" with -toner cartridge made from an original toner cartridge--; to require that the joining surfaces of the disassembled toner cartridge be adapted to achieve alignment and orientation necessary for proper operation; to require that the elements required for proper function of the cartridge that were positioned adjacent the interface remain undamaged in the disassembled toner cartridge.

5. A Brief Identification of the General Thrust of the Principal Arguments Presented to the Examiner

The general thrusts of the principal arguments presented to the examiner are briefly identified as follows:

- a. The '010 patent does not teach re-using the actual toner container; rather, to the extent any re-use is mentioned, the container is pulverized and the

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pulverized material is then re-used to re-manufacture a new container, or certain, re-usable components that are found inside of the original toner cartridge are saved and then re-used, as opposed to the container itself being re-used.

- b. Araki '010 does not disassemble a toner cartridge container by having a laser beam trace a path along line segments of the interface between joining surfaces of the cartridge at a speed determined by correlating the thickness of each segment and the laser beam power.
- c. Araki '010 does yield a disassembled toner cartridge with elements that are required for proper functioning of the cartridge and positioned in the cartridge adjacent the interface between the joining surfaces of the original cartridge remaining in the toner cartridge undamaged.

6. A General Indication of Any Other Pertinent Matters Discussed

No other pertinent matter was discussed.

7. The General Results or Outcome of the Interview

Applicants will prepare and file a written statement of the interview, and a Reply to Office Action dated September 7, 2006, that will include the amendments to the application discussed above.

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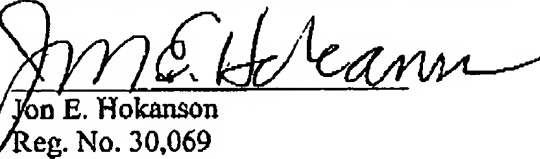
The examiner will focus on the draft amendments: "plurality of interface line segments, each line segment having a thickness" and "determining the thickness".

Respectfully submitted,

LEWIS BRISBOIS BISGAARD & SMITH LLP

Date: January 8, 2007

By:


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(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/659,881
Filing Date	09/11/2003
First Named Inventor	YOEL WAZANA
Art Unit	1725
Examiner Name	ELVE, MARIA ALEXANDRA
Attorney Docket Number	28179-7 formerly 21101-000

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**Examiner
Signature**

Date	
Considered	

*EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See KINIX Codes or USPTO Patent Documents at www.uspto.gov or MPEP 801.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. *Applicant is to place a check mark here if English language translation is attached.

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